Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, in persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO
-1NFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: July 9, 2002

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known				
Application Number	10/031,086			
Filing Date	01/16/2002			
First Named Inventor	Geoffrey James Wolfe Taylor et al.			
Group Art Unit	1722			
Examiner Name	Unassigned			
Attorney Docket Number	017264-0113			

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	U.S. Patent De	ocument	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant	
		Number	Kind Code ² (if known)			Passages or Relevant Figures Appear	
Th	A1	5,193,882		Gamaldi	03/16/1993		
- Re	A2	5,082,416		Bock	01/21/1992		
		,					
	-			· · · · · · · · · · · · · · · · · · ·			
				· · · · · · · · · · · · · · · · · · ·			
	-		-				
			 			· · · · · · · · · · · · · · · · · · ·	

	FOREIGN PATENT DOCUMENTS Date of Publication of Pages Columns Lines								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)			e ⁵	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т ⁶
100	A3	EP	0 264 925	E	32	Bock	04/27/1988		
12/1	A4	DE	3238245	Δ	1	Spangenberg	04/26/1984	D _	Abstr.
107	A5	DE	3616700	C	71	Strecker	05/16/1986		Abstr.
							. 00,		
							\$	> 11	
							()	0	
							7	20	
								16 NO	
							· K		
	The state of the s							K	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т ⁶			

Examiner Signature	THOMAS J. BRAHAN Date Considered	9	10/03	,

*EXAMINER: Initial if reference considered, whether or not considered. Whether or not in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.